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Metacognition study in mathematical problem solving among normal college students.

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The paper investigates the design of a metacognition questionnaire on mathematics problem solving given to normal college students. Analysis of the data showed: (1) Metacognition on mathematics problem solving among normal college student was different. (2) As far as the overall level on metacognition was concerned, girl students' did better than boy students'; grade 3 was significantly more excellent than grade 2 and grade 1; grade 2 was a key stage. (3) As far as overall level, metacognition knowledge, metacognition experience, self-evaluation, self-reflection, self-controlling was concerned, excellent student did better than backward student.

Classification: D54

Keywords: problem solving; metacognition; educational research